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Pages:232 - 235[\[Abstract\]](#)[\[PDF Full-Text \(268 KB\)\]](#)

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2 Mobile communications based on an emitter/receiver dynamics model*Sousa, F.M.G.; Leitao, J.M.N.;*Vehicular Technology Conference, 2001. VTC 2001 Spring. IEEE VTS 53rd , Volume: 4 , 6-9 May 2001
Pages:2998 - 3002 vol.4[\[Abstract\]](#)[\[PDF Full-Text \(304 KB\)\]](#)

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3 A test for detection of local modeling mismatches in shallow water*Fostick, G.S.; Tabrikian, J.; Messer, H.;*Acoustics, Speech, and Signal Processing, 1996. ICASSP-96. Conference Proceedings., 1996 IEEE International Conference on , Volume: 6 , 7-10 May 1996
Pages:3077 - 3080 vol. 6[\[Abstract\]](#)[\[PDF Full-Text \(256 KB\)\]](#)

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4 Adaptive power-managed FMCW emitter detection performance against low-RCS ships*Pace, P.E.;*Signals, Systems and Computers, 2001. Conference Record of the Thirty-Fifth Asilomar Conference on , Volume: 1 , 4-7 Nov. 2001
Pages:639 - 643 vol.1[\[Abstract\]](#)[\[PDF Full-Text \(385 KB\)\]](#)

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5 Beamformer preprocessing for enhanced resolution by the MUSIC algorithm (preview)

Lee, H.B.; Wengrovitz, M.S.;

Spectrum Estimation and Modeling, 1990., Fifth ASSP Workshop on , 10-12 Oct. 1990

Pages:149 - 153

[\[Abstract\]](#) [\[PDF Full-Text \(336 KB\)\]](#) [IEEE CNF](#)

6 ARMA-like and ML-like copy/DF approaches for signal-specific emitter location

Agee, B.G.; Calabretta, R.A.;

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[\[Abstract\]](#) [\[PDF Full-Text \(448 KB\)\]](#) [IEEE CNF](#)

7 Asymptotic results for sensor array processing

Ottersten, B.; Ljung, L.;

Acoustics, Speech, and Signal Processing, 1989. ICASSP-89., 1989 International Conference on , 23-26 May 1989

Pages:2266 - 2269 vol.4

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8 Analysis of queuing behavior of automatic ESM systems

El-Ayadi, M.H.; El-Barbary, K.; Abou-Bakr, H.E.;

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 37 , Issue: 3 , July 2001

Pages:1010 - 1021

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9 An algorithm for functional verification of digital ECL circuits

Brauer, E.J.; Sung-Mo Kang;

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Pages:1546 - 1556

[\[Abstract\]](#) [\[PDF Full-Text \(900 KB\)\]](#) [IEEE JNL](#)

10 Functional verification of ECL circuits including voltage regulators

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11 Microwave-detected photoconductance decay

Basore, P.A.; Hansen, B.R.;

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12 On the performance analysis and design of an integrated front-end PIN/HBT photoreceiver

Das, N.R.; Deen, M.J.;

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Pages:78 - 91

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Koester, D.; Smith, L.; Stevens, R.; Cook, C.;

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14 Field emission in superconducting RF cavities

Klein, U.; Turneaure, J.;

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15 Analysis of third-order intermodulation distortion in common-emitter BJT and HBT amplifiers

Vuolevi, J.; Rahkonen, T.;

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Radar Conference, 2000. The Record of the IEEE 2000 International , 7-12 May 2000

Pages:381 - 386

[\[Abstract\]](#) [\[PDF Full-Text \(464 KB\)\]](#) IEEE CNF2 **Radar detection probabilities and their calculation***Shnidman, D.A.;*

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 31 , Issue: 3 , July 1995

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[\[Abstract\]](#) [\[PDF Full-Text \(1328 KB\)\]](#) IEEE JNL3 **Detection and tracking of ballistic target***Farina, A.;* *Del Gaudio, M.G.;* *D'Elia, U.;* *Immediata, S.;* *Ortenzi, L.;* *Timmoneri, L.;* *Toma, M.R.;*

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Pages:450 - 456

[\[Abstract\]](#) [\[PDF Full-Text \(706 KB\)\]](#) IEEE CNF4 **Adaptive target detection in foliage-penetrating SAR images using alpha-stable models***Banerjee, A.;* *Burlina, P.;* *Chellappa, R.;*

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[\[Abstract\]](#) [\[PDF Full-Text \(820 KB\)\]](#) IEEE JNL5 **An optimal detector for moderately fluctuating targets***Aloisio, V.;* *Di Vito, A.;* *Galati, G.;*

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Pages:110 - 113

[\[Abstract\]](#) [\[PDF Full-Text \(248 KB\)\]](#) [IEEE CNF](#)

6 Model order selection for multidimensional innovations based detection in airborne radar

Castro, J.; LeBlanc, J.P.;

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Pages:141 - 146

[\[Abstract\]](#) [\[PDF Full-Text \(364 KB\)\]](#) [IEEE CNF](#)

7 New physical-statistical methods and models for clutter and reverberation: the KA-distribution and related probability structures

Middleton, D.;

Oceanic Engineering, IEEE Journal of , Volume: 24 , Issue: 3 , July 1999

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8 Applying hidden Markov models to radar detection in clutter

Stein, D.W.J.; Dillard, G.M.;

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Pages:586 - 590

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9 (Automatic) target detection in synthetic aperture radar imagery via terrain recognition

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Pages:54 - 57 vol.3

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10 Detection of random and sinusoidal signals in hidden Markov noise

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11 Multichannel parametric models for airborne phased array clutter

Roman, J.R.; Davis, D.W.; Michels, J.H.;

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12 Analytical and computer model of a Doppler weather radar system

Hersey, R.K.; Richards, M.A.; McClellan, J.H.;

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Pages:438 - 444

[\[Abstract\]](#) [\[PDF Full-Text \(596 KB\)\]](#) IEEE CNF

13 Propagation modeling for VHF/UHF-radar detection of targets behind a forest

Kuschel, H.; Schneider, D.;

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[\[Abstract\]](#) [\[PDF Full-Text \(308 KB\)\]](#) IEEE CNF

14 Detection of obscured targets in heavy-tailed radar clutter using an ultra-wideband (UWB) radar and alpha-stable clutter models

Kapoor, R.; Tsihrintzis, G.A.; Nandhakumar, N.;

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15 Detection models for radar ground targets

Reed, D.E.; Ziemer, R.E.;

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1 M-sweeps detection analysis of cell-averaging CFAR processors in multiple-target situations

El Mashade, M.B.;

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Pages:103 - 108

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2 Analysis of the excision CFAR detector in the presence of fluctuating targets

Conte, E.; Longo, M.; Lops, M.;

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[\[Abstract\]](#) [\[PDF Full-Text \(220 KB\)\]](#) **IEE JNL**

3 Clutter reduction and object detection in surface penetrating radar

Brunzell, H.;

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Pages:688 - 691

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4 Performance analysis of two adaptive radar detectors against non-Gaussian real sea clutter data

Gini, F.; Greco, M.V.; Diani, M.; Verrazzani, L.;

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 36 , Issue: 4 , Oct. 2000

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[\[Abstract\]](#) [\[PDF Full-Text \(932 KB\)\]](#) **IEEE JNL**

5 A novel approach for CFAR detector design in Weibull background*Fu, J.S.; Lei Zhao; Weixian Liu;*

Radar, 2001 CIE International Conference on, Proceedings , 15-18 Oct. 2001

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Geoscience and Remote Sensing Symposium, 2002. IGARSS '02. 2002 IEEE

International , Volume: 6 , 24-28 June 2002

Pages:3399 - 3401 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(264 KB\)\]](#) IEEE CNF**7 Nonlinear modeling of gated tracker dynamics with application to radar range resolution***Abed, E.H.; Goldberg, A.J.; Gover, R.E.;*

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 27 , Issue:

1 , Jan. 1991

Pages:68 - 82

[\[Abstract\]](#) [\[PDF Full-Text \(1148 KB\)\]](#) IEEE JNL**8 Matched subspace detectors for discrimination of targets from trees in SAR imagery***Sharma, A.; Moses, R.L.;*

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Asilomar Conference on , Volume: 2 , 29 Oct.-1 Nov. 2000

Pages:1721 - 1726 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(412 KB\)\]](#) IEEE CNF**9 Bayesian optimum radar detector in non-Gaussian noise***Emmanuelle, J.; Ovarlez, J.-P.; Declercq, D.; Duvaut, P.;*

Acoustics, Speech, and Signal Processing, 2002. Proceedings. (ICASSP '02). IEEE

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Pages:1289 - 1292

[\[Abstract\]](#) [\[PDF Full-Text \(378 KB\)\]](#) IEEE CNF**10 The neural network method for radar weak target detection***Hu Wei-Dong; Yu Wen-Xian; Guo Gui-Rong;*

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IEEE 1994 National , 23-27 May 1994

Pages:1052 - 1058 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) IEEE CNF**11 Nonlinear modeling of gated range tracker dynamics with application to radar range resolution***Abed, E.H.; Goldberg, A.J.; Gover, R.E.;*

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Pages:2276 - 2282 vol.4

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12 An optimal detector for moderately fluctuating targets*Aloisio, V.; Di Vito, A.; Galati, G.;*

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[\[Abstract\]](#) [\[PDF Full-Text \(248 KB\)\]](#) **IEE CNF**

13 A robust adaptive threshold detector*Holm, J.R.; Ritcey, J.A.;*

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Pages:102 - 105

[\[Abstract\]](#) [\[PDF Full-Text \(280 KB\)\]](#) **IEE CNF**

14 UWB radar detection of targets in foliage using alpha-stable clutter models*Kapoor, R.; Banerjee, A.; Tsihrintzis, G.A.; Nandhakumar, N.;*

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15 Robustness of the likelihood ratio detector for moderately fluctuating radar targets*Di Vito, A.; Nakli, M.;*

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Pages:107 - 112

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1 **An SPW computer simulation analysis of an RF signal detection system**

Dempsey, T.P.; Brooker, M.C.;

Tactical Communications Conference, 1996., Proceedings of the 1996 , 30 April-2 May 1996

Pages:293 - 301

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2 **Modeling of ultrasound speckle with application in flaw detection in metals**

Cohen, F.S.;

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Pages:624 - 632

[\[Abstract\]](#) [\[PDF Full-Text \(1060 KB\)\]](#) **IEEE JNL**

3 **Segmentation of natural images based on multiresolution pyramids linking of the parameters of an autoregressive rotation invariant model. Application to leather defects detection**

Limas Serafim, A.F.;

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Pages:41 - 44

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4 **Markov models for block code error control systems on fading RF channels**

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Rognin, N.; Merel, C.; Cachard, C.; Brusseau, E.; Finet, G.;

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[\[Abstract\]](#) [\[PDF Full-Text \(1925 KB\)\]](#) [IEEE JNL](#)

10 Optical signal generation at millimeter-wave repetition rates using semiconductor lasers with pulsed subharmonic optical injection

Yang Jing Wen; Hai Feng Liu; Novak, D.;

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Jung, P.;

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13 Deep nondestructive testing using a bulk high T_c RF-SQUID

Alzayed, N.S.; Chang-Xin Fan; Lu, D.F.; Wong, K.W.; Chester, M.; Knapp, D.E.;

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Donohue, K.D.;

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Booth, C.; McDonald, J.R.; Donald, P.; Lines, N.; Cooke, N.; Smith, C.;
 Power Engineering Review, IEEE , Volume: 21 , Issue: 4 , April 2001
 Pages:62 - 63

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2 A thermohydraulic modelling for the stator bars of large turbogenerators: development, validation by laboratory and on site tests

Rioual, M.;
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Yamamoto, M.; Hirano, N.; Minemura, T.; Shinoda, K.; Fujibayashi, K.; Sato, H.;
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7 Retinomorphich chips that see quadruple images
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Matsui, Y.; Vakhshoori, D.; Peidong Wang; Peili Chen; Chih-Cheng Lu; Min Jiang; Knopp, K.; Burroughs, S.; Tayebati, P.;
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Telecommunications, 1991. Third IEE Conference on , 17-20 Mar 1991

Pages:384 - 387

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[\[Abstract\]](#) [\[PDF Full-Text \(432 KB\)\]](#) IEEE JNL3 **Impact of modeling errors on the performance of MIMO receivers with APP and PIC detection***Karimi, H.R.; Claussen, H.;*

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11 Simulator evaluation of incident detection using VRC system

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Pages:520 - 523[\[Abstract\]](#) [\[PDF Full-Text \(148 KB\)\]](#) **IEEE CNF****2 Modeling of surface hairline-crack detection in metals under coatings using an open-ended rectangular waveguide***Huber, C.; Abiri, H.; Ganchev, S.I.; Zoughi, R.;*Microwave Theory and Techniques, IEEE Transactions on , Volume: 45 , Issue: 11 , Nov. 1997
Pages:2049 - 2057[\[Abstract\]](#) [\[PDF Full-Text \(276 KB\)\]](#) **IEEE JNL****3 Modeling With the FDTD Method for Microwave Breast Cancer Detection***Kosmas, P.; Rappaport, C.M.; Bishop, E.;*Microwave Theory and Techniques, IEEE Transactions on , Volume: 52 , Issue: 8 , Aug. 2004
Pages:1890 - 1897[\[Abstract\]](#) [\[PDF Full-Text \(496 KB\)\]](#) **IEEE JNL****4 Confocal microwave imaging for breast tumor detection: application to a hemispherical breast model***Fear, E.C.; Okoniewski, M.;*Microwave Symposium Digest, 2002 IEEE MTT-S International , Volume: 3 , 2-7 June 2002
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6 AC/ID-a decentral media access control with interference detection for mobile radio networks

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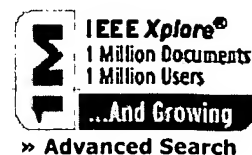
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13 Model-based principal component techniques for detection of buried landmines in multiframe synthetic aperture radar images

Jie Cheng; Miller, E.;

Geoscience and Remote Sensing Symposium, 2002. IGARSS '02. 2002 IEEE International , Volume: 1 , 24-28 June 2002

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15 A study on models of radar detection rate and false alarm rate

Zhang Zaifeng;

Microwave and Millimeter Wave Technology Proceedings, 1998. ICMMT '98. 1998 International Conference on , 18-20 Aug. 1998

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Kosmas, P.; Rappaport, C.M.; Bishop, E.;

Microwave Theory and Techniques, IEEE Transactions on , Volume: 52 , Issue: 8 , Aug. 2004

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2 Transmission line matrix model for detection of local changes in permeability using a microwave technique

Ciocan, R.; Ida, N.;

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3 Spatial resolution of microwave tomography for detection of myocardial ischemia and infarction-experimental study on two-dimensional models

Semenov, S.Y.; Svenson, R.H.; Bulyshev, A.E.; Souvorov, A.E.; Nazarov, A.G.;

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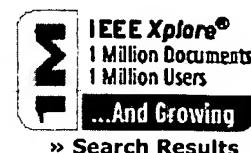
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Pages:991 - 995 vol.3[\[Abstract\]](#) [\[PDF Full-Text \(600 KB\)\]](#) IEEE CNF**2 Probabilistic model-based detection of bent-double radio galaxies***Kirshner, S.; Cadez, I.V.; Smyth, P.; Kamath, C.; Cantu-Paz, E.;*Pattern Recognition, 2002. Proceedings. 16th International Conference on , Volume: 2 , 11-15 Aug. 2002
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Pages:961 - 964 vol.2[\[Abstract\]](#) [\[PDF Full-Text \(443 KB\)\]](#) IEEE CNF